E.O. Have

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/663,600A

CRF Processing Date: 10/30/2001

Edited by:

Verified by: (STIC staff)

ENTERED

#8

EA

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING DATE: 10/30/2001
PATENT APPLICATION: **US/09/663,600A** TIME: 12:34:59

Input Set : **N:\jumbos\663600a.txt**
Output Set: **N:\CRF3\10302001\I663600A.raw**

PS

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     4 <110> APPLICANT: Dumas Milne Edwards, Jean-Baptiste
     5       Duclert, Aymeric
     6       Bougueleret, Lydie
     8 <120> TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
    10 <130> FILE REFERENCE: 31.US3.CIP
    12 <140> CURRENT APPLICATION NUMBER: 09/663,600A
    13 <141> CURRENT FILING DATE: 2000-09-15
    15 <150> PRIOR APPLICATION NUMBER: 09/191,997
    16 <151> PRIOR FILING DATE: 1998-11-13
    18 <150> PRIOR APPLICATION NUMBER: 60/066,677
    19 <151> PRIOR FILING DATE: 1997-11-13
    21 <150> PRIOR APPLICATION NUMBER: 60/069,957
    22 <151> PRIOR FILING DATE: 1997-12-17
    24 <150> PRIOR APPLICATION NUMBER: 60/074,121
    25 <151> PRIOR FILING DATE: 1998-02-09
    27 <150> PRIOR APPLICATION NUMBER: 60/081,563
    28 <151> PRIOR FILING DATE: 1998-04-13
    30 <150> PRIOR APPLICATION NUMBER: 60/096,116
    31 <151> PRIOR FILING DATE: 1998-08-10
    33 <150> PRIOR APPLICATION NUMBER: 60/099,273
    34 <151> PRIOR FILING DATE: 1998-09-04
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    56 <213> ORGANISM: Artificial Sequence
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W--> 59 <400> SEQUENCE: 2
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    63 <211> LENGTH: 25
    64 <212> TYPE: DNA
    65 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING DATE: 10/30/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:34:59

Input Set : N:\jumbos\663600a.txt
Output Set: N:\CRF3\10302001\I663600A.raw

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67 <223> OTHER INFORMATION: Derivatized oligonucleotide for linking to mRNA
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99 <211> LENGTH: 25
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101 <213> ORGANISM: Artificial Sequence
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107 <210> SEQ ID NO: 8
108 <211> LENGTH: 25
109 <212> TYPE: DNA
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RAW SEQUENCE LISTING DATE: 10/30/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:34:59

Input Set : N:\jumbos\663600a.txt
Output Set: N:\CRF3\10302001\I663600A.raw

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     170 <223> OTHER INFORMATION: n=a, g, c or t
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W--> 173 tttttvn                                                           67
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RAW SEQUENCE LISTING DATE: 10/30/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:34:59

Input Set : N:\jumbos\663600a.txt
Output Set: N:\CRF3\10302001\I663600A.raw

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186 <212> TYPE: DNA
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194 <211> LENGTH: 526
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207 <222> LOCATION: complement(110..145)
208 <223> OTHER INFORMATION: blastn
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215 <222> LOCATION: 90..140
216 <223> OTHER INFORMATION: Von Heijne matrix
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218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: 290
220 <223> OTHER INFORMATION: n=a, g, c or t
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223 gagagaaaga actgactgar acgtttgag atg aag aaa gtt ctc ctc ctg atc 113
224 Met Lys Lys Val Leu Leu Leu Ile
225 -15 -10
226 aca gcc atc ttg gca gtg gct gtw ggt ttc cca gtc tct caa gac cag 161

RAW SEQUENCE LISTING DATE: 10/30/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:35:00

Input Set : N:\jumbos\663600a.txt
Output Set: N:\CRF3\10302001\I663600A.raw

```
     227 Thr Ala Ile Leu Ala Val Ala Val Gly Phe Pro Val Ser Gln Asp Gln
     228                 -5                  1                   5
     229 gaa cga gaa aaa aga agt atc agt gac agc gat gaa tta gct tca ggr      209
     230 Glu Arg Glu Lys Arg Ser Ile Ser Asp Ser Asp Glu Leu Ala Ser Gly
     231         10                  15                  20
     232 wtt ttt gtg ttc cct tac cca tat cca ttt cgc cca ctt cca cca att      257
W--> 233 Xaa Phe Val Phe Pro Tyr Pro Tyr Pro Phe Arg Pro Leu Pro Pro Ile
     234     25                  30                  35
W--> 235 cca ttt cca aga ttt cca tgg ttt aga cgt aan ttt cct att cca ata      305
W--> 236 Pro Phe Pro Arg Phe Pro Trp Phe Arg Arg Xaa Phe Pro Ile Pro Ile
     237 40                  45                  50                  55
     238 cct gaa tct gcc cct aca act ccc ctt cct agc gaa aag taaacaaraa      354
     239 Pro Glu Ser Ala Pro Thr Thr Pro Leu Pro Ser Glu Lys
     240                 60                  65
     241 ggaaaagtca crataaacct ggtcacctga aattgaaatt gagccacttc cttgaaraat    414
     242 caaaattcct gttaataaaa raaaaacaaa tgtaattgaa atagcacaca gcattctcta    474
     243 gtcaatatct ttagtgatct tctttaataa acatgaaagc aaaaaaaaaa aa             526
     245 <210> SEQ ID NO: 18
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     247 <212> TYPE: PRT
     248 <213> ORGANISM: Homo Sapiens
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     250 <221> NAME/KEY: SIGNAL
     251 <222> LOCATION: 1..17
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     254       seq LLLITAILAVAVG/FP
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     257 1               5                   10                  15
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     271 <223> OTHER INFORMATION: blastn
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     274 <222> LOCATION: 56..113
     275 <223> OTHER INFORMATION: blastn
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     277 <221> NAME/KEY: misc_feature
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psI Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 10/30/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:35:01

Input Set : N:\jumbos\663600a.txt
Output Set: N:\CRF3\10302001\I663600A.raw

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L:46 M:283 W: Missing Blank Line separator, <220> field identifier
L:50 M:283 W: Missing Blank Line separator, <400> field identifier
L:57 M:283 W: Missing Blank Line separator, <220> field identifier
L:59 M:283 W: Missing Blank Line separator, <400> field identifier
L:66 M:283 W: Missing Blank Line separator, <220> field identifier
L:68 M:283 W: Missing Blank Line separator, <400> field identifier
L:75 M:283 W: Missing Blank Line separator, <220> field identifier
L:77 M:283 W: Missing Blank Line separator, <400> field identifier
L:84 M:283 W: Missing Blank Line separator, <220> field identifier
L:86 M:283 W: Missing Blank Line separator, <400> field identifier
L:93 M:283 W: Missing Blank Line separator, <220> field identifier
L:95 M:283 W: Missing Blank Line separator, <400> field identifier
L:102 M:283 W: Missing Blank Line separator, <220> field identifier
L:104 M:283 W: Missing Blank Line separator, <400> field identifier
L:111 M:283 W: Missing Blank Line separator, <220> field identifier
L:113 M:283 W: Missing Blank Line separator, <400> field identifier
L:120 M:283 W: Missing Blank Line separator, <220> field identifier
L:122 M:283 W: Missing Blank Line separator, <400> field identifier
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L:147 M:283 W: Missing Blank Line separator, <220> field identifier
L:149 M:283 W: Missing Blank Line separator, <400> field identifier
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L:158 M:283 W: Missing Blank Line separator, <400> field identifier
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L:209 M:283 W: Missing Blank Line separator, <220> field identifier
L:213 M:283 W: Missing Blank Line separator, <220> field identifier
L:217 M:283 W: Missing Blank Line separator, <220> field identifier
L:221 M:283 W: Missing Blank Line separator, <400> field identifier
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L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:249 M:283 W: Missing Blank Line separator, <220> field identifier
L:255 M:283 W: Missing Blank Line separator, <400> field identifier
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VERIFICATION SUMMARY DATE: 10/30/2001
PATENT APPLICATION: **US/09/663,600A** TIME: 12:35:01

Input Set : **N:\jumbos\663600a.txt**
Output Set: **N:\CRF3\10302001\I663600A.raw**

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L:571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
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L:810 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:34
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L:964 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37
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VERIFICATION SUMMARY DATE: 10/30/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:35:01

Input Set : N:\jumbos\663600a.txt
Output Set: N:\CRF3\10302001\I663600A.raw

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1600

RAW SEQUENCE LISTING DATE: 10/17/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:26:46

Input Set : D:\Seqlist.txt
Output Set: N:\CRF3\10172001\I663600A.raw

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 4 <110> APPLICANT: Dumas Milne Edwards, Jean-Baptiste
 5       Duclert, Aymeric
 6       Bougueleret, Lydie
 8 <120> TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
10 <130> FILE REFERENCE: 31.US3.CIP
12 <140> CURRENT APPLICATION NUMBER: 09/663,600A
13 <141> CURRENT FILING DATE: 2000-09-15
15 <150> PRIOR APPLICATION NUMBER: 09/191,997
16 <151> PRIOR FILING DATE: 1998-11-13
18 <150> PRIOR APPLICATION NUMBER: 60/066,677
19 <151> PRIOR FILING DATE: 1997-11-13
21 <150> PRIOR APPLICATION NUMBER: 60/069,957
22 <151> PRIOR FILING DATE: 1997-12-17
24 <150> PRIOR APPLICATION NUMBER: 60/074,121
25 <151> PRIOR FILING DATE: 1998-02-09
27 <150> PRIOR APPLICATION NUMBER: 60/081,563
28 <151> PRIOR FILING DATE: 1998-04-13
30 <150> PRIOR APPLICATION NUMBER: 60/096,116
31 <151> PRIOR FILING DATE: 1998-08-10
33 <150> PRIOR APPLICATION NUMBER: 60/099,273
34 <151> PRIOR FILING DATE: 1998-09-04
36 <160> NUMBER OF SEQ ID NOS: 229
38 <170> SOFTWARE: Patent.pm
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P.2

Does Not Comply
Corrected Diskette Needed

Delete End of File
New ASCII text

ERRORED SEQUENCES

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12237 <211> LENGTH: 142
12238 <212> TYPE: PRT
12239 <213> ORGANISM: Homo sapiens
W- 12240 <400> SEQUENCE: 229
12242 Met Ser Asp Ser Leu Val Val Cys Glu Val Asp Pro Glu Leu Thr Glu
12243 1               5                  10                  15
12244 Lys Leu Arg Lys Phe Arg Phe Arg Lys Glu Thr Asp Asn Ala Ala Ile
12245             20                  25                  30
12246 Ile Met Lys Val Asp Lys Asp Arg Gln Met Val Val Leu Glu Glu Glu
12247         35                  40                  45
12248 Phe Arg Asn Ile Ser Pro Glu Glu Leu Lys Met Glu Leu Pro Glu Arg
12249     50                  55                  60
12250 Gln Pro Arg Phe Val Val Tyr Ser Tyr Lys Tyr Val Arg Asp Asp Gly
12251 65                  70                  75                  80
12252 Arg Val Ser Tyr Pro Leu Cys Phe Ile Phe Ser Ser Pro Val Gly Cys
12253                 85                  90                  95
12254 Lys Pro Glu Gln Gln Met Met Tyr Ala Gly Ser Lys Asn Arg Leu Val
12255             100                 105                 110
12256 Gln Thr Ala Glu Leu Thr Lys Val Phe Glu Ile Arg Thr Thr Asp Asp
```

RAW SEQUENCE LISTING DATE: 10/17/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:26:49

Input Set : D:\Seqlist.txt
Output Set: N:\CRF3\10172001\I663600A.raw

```
12257          115                 120                 125
12258 Leu Thr Glu Ala Trp Leu Gln Glu Lys Leu Ser Phe Phe Arg
12259      130                 135                 140
E--> 12260 1
```

Errored Delete End of file Non Ascii Text

VERIFICATION SUMMARY DATE: 10/17/2001
PATENT APPLICATION: US/09/663,600A TIME: 12:26:50

Input Set : D:\Seqlist.txt
Output Set: N:\CRF3\10172001\I663600A.raw

L:44 M:283 W: Missing Blank Line separator, <220> field identifier
L:46 M:283 W: Missing Blank Line separator, <220> field identifier
L:50 M:283 W: Missing Blank Line separator, <400> field identifier
L:57 M:283 W: Missing Blank Line separator, <220> field identifier
L:59 M:283 W: Missing Blank Line separator, <400> field identifier
L:66 M:283 W: Missing Blank Line separator, <220> field identifier
L:68 M:283 W: Missing Blank Line separator, <400> field identifier
L:75 M:283 W: Missing Blank Line separator, <220> field identifier
L:77 M:283 W: Missing Blank Line separator, <400> field identifier
L:84 M:283 W: Missing Blank Line separator, <220> field identifier
L:86 M:283 W: Missing Blank Line separator, <400> field identifier
L:93 M:283 W: Missing Blank Line separator, <220> field identifier
L:95 M:283 W: Missing Blank Line separator, <400> field identifier
L:102 M:283 W: Missing Blank Line separator, <220> field identifier
L:104 M:283 W: Missing Blank Line separator, <400> field identifier
L:111 M:283 W: Missing Blank Line separator, <220> field identifier
L:113 M:283 W: Missing Blank Line separator, <400> field identifier
L:120 M:283 W: Missing Blank Line separator, <220> field identifier
L:122 M:283 W: Missing Blank Line separator, <400> field identifier
L:129 M:283 W: Missing Blank Line separator, <220> field identifier
L:131 M:283 W: Missing Blank Line separator, <400> field identifier
L:138 M:283 W: Missing Blank Line separator, <220> field identifier
L:140 M:283 W: Missing Blank Line separator, <400> field identifier
L:147 M:283 W: Missing Blank Line separator, <220> field identifier
L:149 M:283 W: Missing Blank Line separator, <400> field identifier
L:156 M:283 W: Missing Blank Line separator, <220> field identifier
L:158 M:283 W: Missing Blank Line separator, <400> field identifier
L:165 M:283 W: Missing Blank Line separator, <220> field identifier
L:167 M:283 W: Missing Blank Line separator, <220> field identifier
L:171 M:283 W: Missing Blank Line separator, <400> field identifier
L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:179 M:283 W: Missing Blank Line separator, <220> field identifier
L:181 M:283 W: Missing Blank Line separator, <400> field identifier
L:188 M:283 W: Missing Blank Line separator, <220> field identifier
L:190 M:283 W: Missing Blank Line separator, <400> field identifier
L:197 M:283 W: Missing Blank Line separator, <220> field identifier
L:201 M:283 W: Missing Blank Line separator, <220> field identifier
L:205 M:283 W: Missing Blank Line separator, <220> field identifier
L:209 M:283 W: Missing Blank Line separator, <220> field identifier
L:213 M:283 W: Missing Blank Line separator, <220> field identifier
L:217 M:283 W: Missing Blank Line separator, <220> field identifier
L:221 M:283 W: Missing Blank Line separator, <400> field identifier
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:249 M:283 W: Missing Blank Line separator, <220> field identifier
L:255 M:283 W: Missing Blank Line separator, <400> field identifier
L:264 M:283 W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY DATE: 10/17/2001
PATENT APPLICATION: **US/09/663,600A** TIME: 12:26:50

Input Set : **D:\Seqlist.txt**
Output Set: **N:\CRF3\10172001\I663600A.raw**

L:268 M:283 W: Missing Blank Line separator, <220> field identifier
L:272 M:283 W: Missing Blank Line separator, <220> field identifier
L:276 M:283 W: Missing Blank Line separator, <220> field identifier
L:280 M:283 W: Missing Blank Line separator, <220> field identifier
L:284 M:283 W: Missing Blank Line separator, <220> field identifier
L:288 M:283 W: Missing Blank Line separator, <220> field identifier
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:623 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31
L:810 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:34
L:927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:964 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37
L:1272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1810 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:2351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:2540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:2541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:2542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:2600 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:3104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:3154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:3401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:3403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:3404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:3407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56

VERIFICATION SUMMARY DATE: 10/17/2001
PATENT APPLICATION: **US/09/663,600A** TIME: 12:26:50

Input Set : **D:\Seqlist.txt**
Output Set: **N:\CRF3\10172001\I663600A.raw**

L:3651 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:3660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:3838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:3847 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:3859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:3865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:12260 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:229